

What is claimed is:

[Claim 1] 1. A method for determining existence of a disk in an optical disk drive, the method comprising:

focusing a laser beam of a first wavelength, and determining whether a disk is inserted into an optical disk drive according to generation of a first predetermined signal; and

focusing a laser beam of a second wavelength, and determining whether a disk is inserted into an optical disk drive according to generation of a second predetermined signal.

[Claim 2] 2. The method of claim 1 wherein the laser beam of the first wavelength and the laser beam of the second wavelength are emitted from an optical pick-up head.

[Claim 3] 3. The method of claim 2 wherein the step of focusing comprises moving the pick-up head for changing a focal point, and the method further comprises receiving a focus error signal from a photo detector.

[Claim 4] 4. The method of claim 1 wherein the first predetermined signal is an S-curve or an RF level signal.

[Claim 5] 5. The method of claim 1 wherein the second predetermined signal is an S-curve or an RF level signal.

[Claim 6] 6. A method for determining existence of a disk in an optical disk drive, the method comprising:

utilizing a laser beam of a first wavelength to execute focusing and detecting generation of a first predetermined signal

utilizing a laser beam of a second wavelength to execute focusing detecting generation of a second predetermined signal

determining whether a disk is inserted into an optical disk drive according to generation of at least one of the first predetermined signal and the second predetermined signal.

[Claim 7] 7. The method of claim 7 wherein the laser beam of the first wavelength and the laser beam of the second wavelength are emitted from an optical pick-up head.

[Claim 8] 8. The method of claim 7 wherein the action of focusing comprises moving the pick-up head for changing a focal point, and the method further comprises receiving a focus error signal from an photo detector.

[Claim 9] 9. The method of claim 7 wherein the first predetermined signal is an S-curve or an RF level signal.

[Claim 10] 10. The method of claim 7 wherein the second predetermined signal is an S-curve or an RF level signal..